Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 31 Dec 2022 until 23:59 on Sunday 01 Jan 2023

Forecast Issued on Saturday 31 Dec 2022 at 03:38

Confidence: Remaining unsettled over the New Year period with further low pressure systems moving in from the Atlantic and bringing periods of strong winds and wet weather, no significant snow is expected in this period but some uncertainty exists in the sleet and rain mix at times, especially on Monday.

Headline for Saturday 31 Dec 2022: A wet start but drier for a time before further rain, winds easing but remaining cloudy throughout.

Mountain weather hazards on Saturday 31 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Light rain	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
60%	70%	70%	70%	80%	80%

Forecast for Saturday 31 Dec 2022

Weather: Cloudy through the day with outbreaks of rain and drizzle affecting most of the area through Saturday. Perhaps drier for a time in the mid-afternoon period although drizzly spells lingering. Further rain spreading across during the evening, with some persistent and heavy rain.

Chance of cloud-free hill tops above 600m: 20% or less improving to 50% for a time in the mid-afternoon period.

Low cloud and visibility: Broken or overcast low cloud with layers of cloud above 400m and very little chance of views from height in the morning. Below 500m visibility will be hazy but some views are possible. In the afternoon some cloud will clear and lift allowing for visibility to improve. Scattered cloud layers above 600m are still likely but some summits may clear temporarily at times, especially around northeastern areas, cloud will thicken and lower later in the day once again.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 31 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 SW	20/25 SW	19/26 SW	16/22 SW	13/18 S	18/25 S	26/36 SW
300	18/25 SW	11/16 SW	13/21 SW	11/18 S	9/14 S	13/21 S	19/30 SW
Valley	9/22 SW	4/13 W	8/20 SW	6/16 SW	5/14 S	8/20 S	13/28 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	6/1	5/1	5/0	5/1	5/1	4/-1
300	8/4	7/4	8/4	8/4	7/5	8/4	7/2
Valley	8/5	7/6	8/6	8/6	7/6	8/6	7/4
Freezing Level*	1600m	1600m	1400m	1400m	1400m	1500m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level above the summits with gusty winds at times giving some buffeting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 31 Dec 2022	4mm	4.4mm	19.6mm

Forecast for Sunday 01 Jan 2023

Weather: A brighter day than Saturday to start the new year, with some bright or sunny spells but some blustery showers likely too in the strong, gusty winds. Showers may be heavy with risk of lightning. Showers turning wintry across higher summits later in the day.

Maximum wind: Southwesterly 25-30mph gusts 40-45mph.

Chance of cloud-free hill tops above 600m: 70%, some lower cloud gathering around the hills in showers.

Low cloud and visibility: Areas of low cloud in showers shrouding the summits for a time, scattered cloud above 600m. Lower cloud more likely for western and southern tops. General visibility out of showers will be very good with good views and a good chance to spot any showers moving your way!

Temperature: **Valleys:** Plus 6 degrees Celsius.
At 600m: Plus 4 degrees Celsius falling to plus 1 degrees Celsius later.
Freezing level: 1000m falling to 700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.